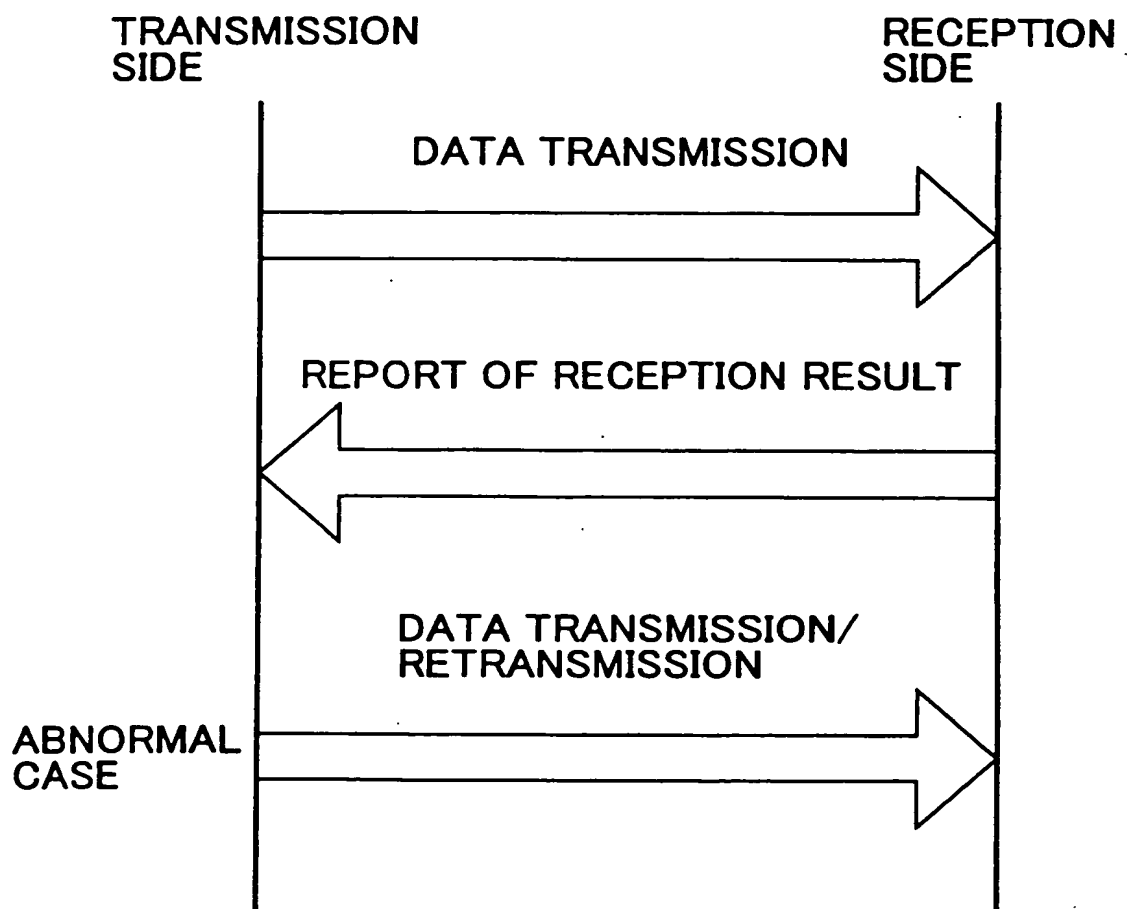


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FIG.1



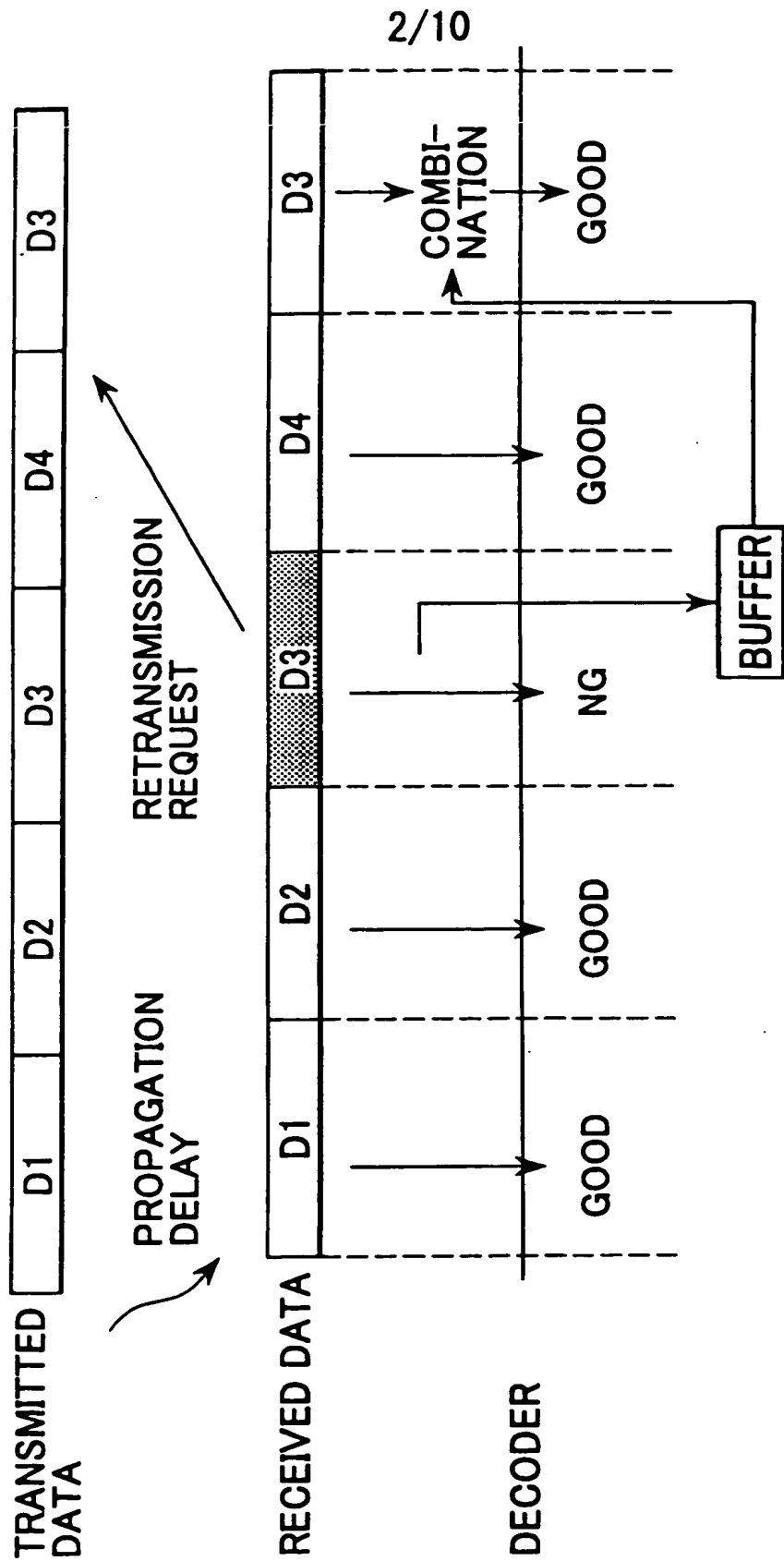


FIG.2

FIG. 3A

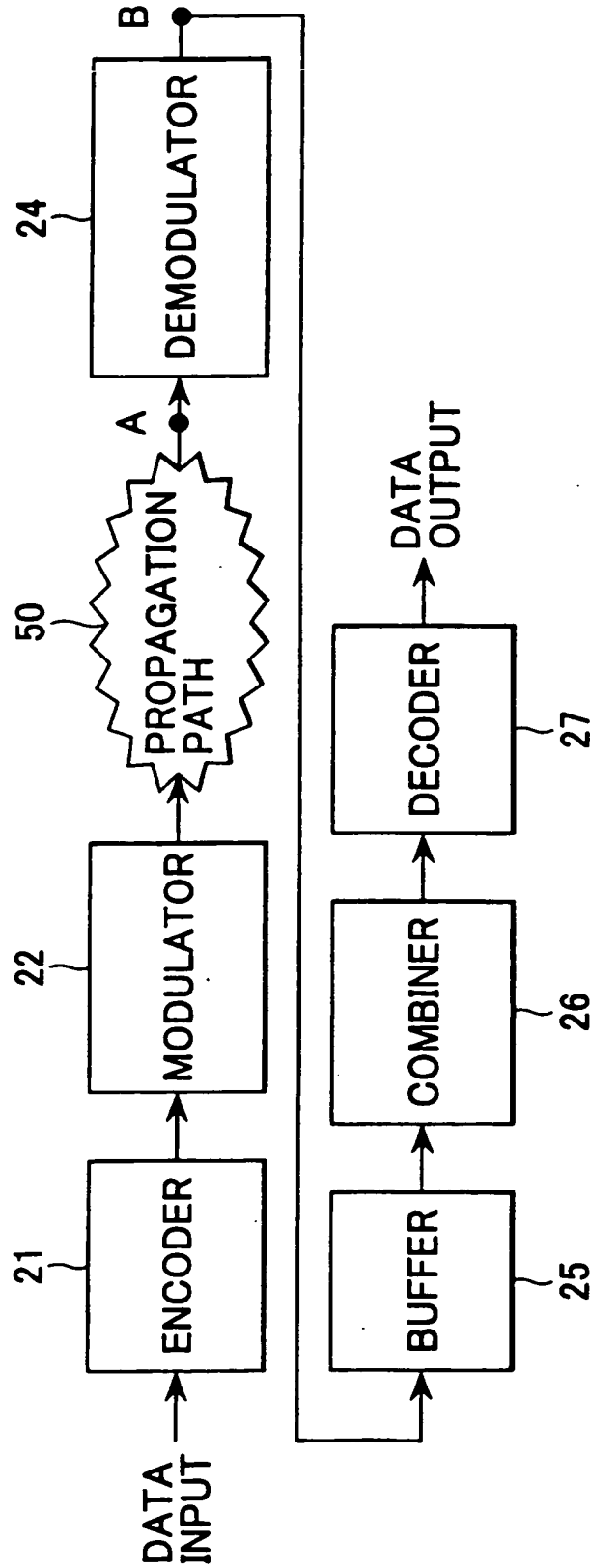


FIG. 3B

MODULATION METHOD	A	B
QPSK	2(I.Q)	2 bit
8QAM	2(I.Q)	3 bit
16QAM	2(I.Q)	4 bit
64QAM	2(I.Q)	6 bit

FIG.4

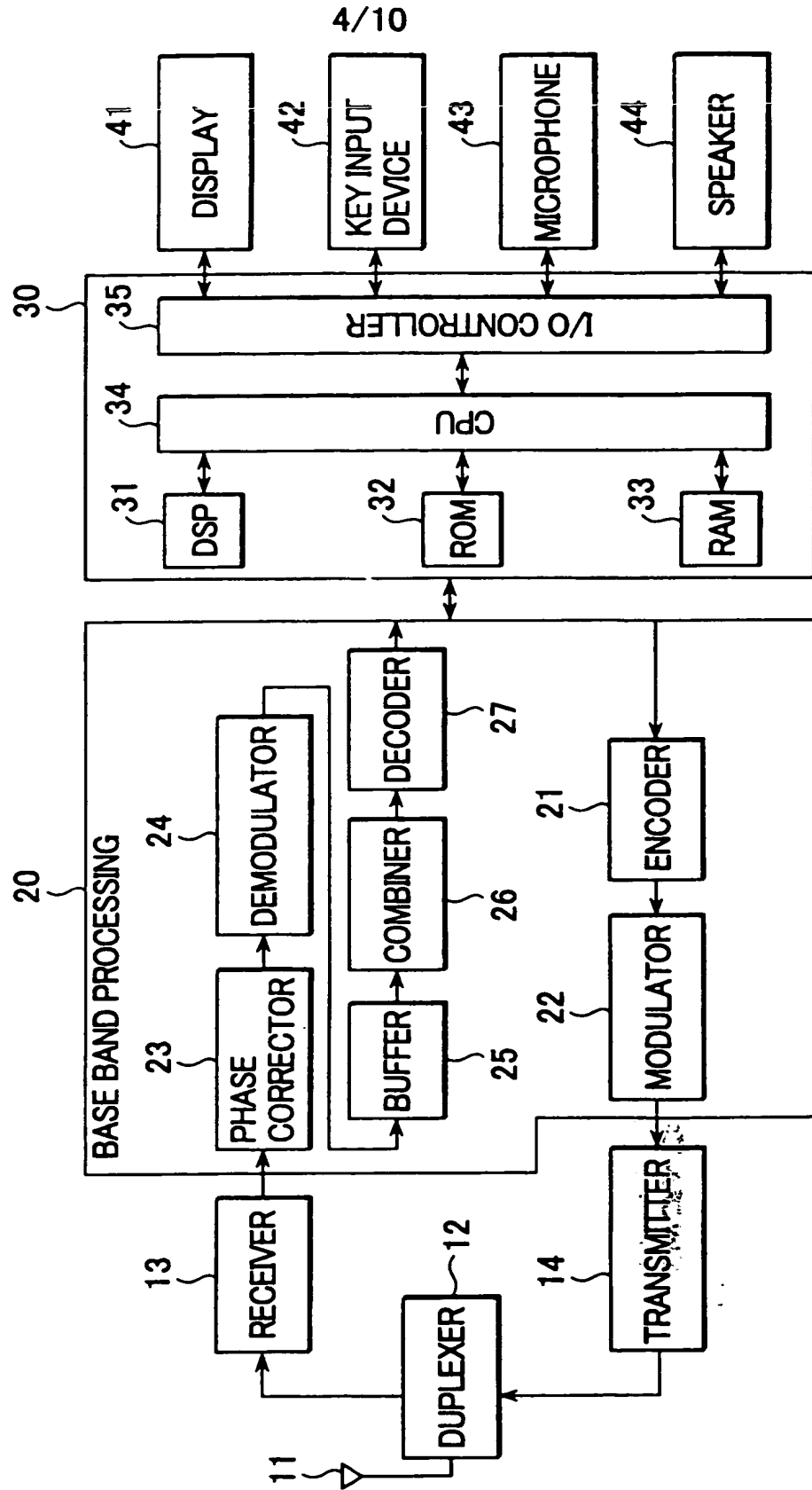


FIG.5A

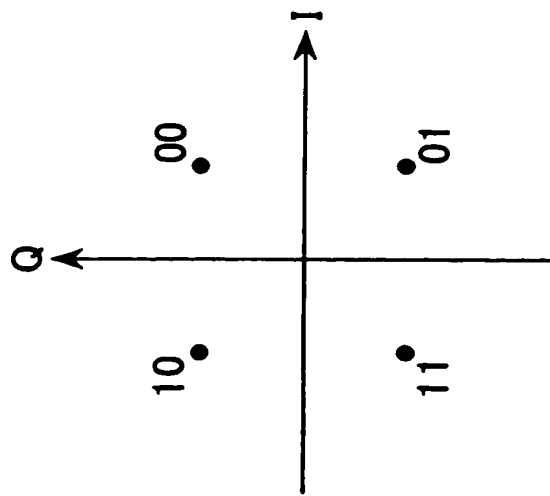
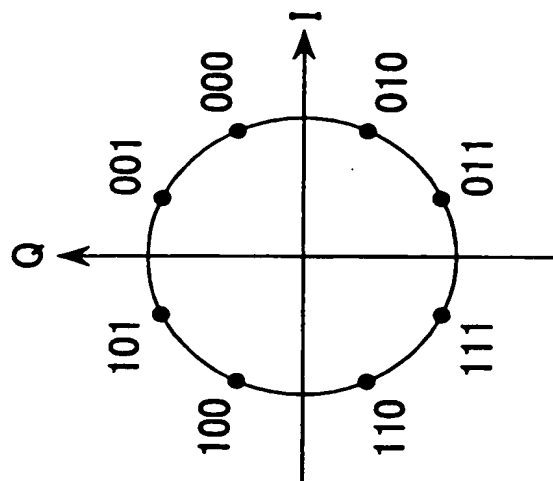


FIG.5A



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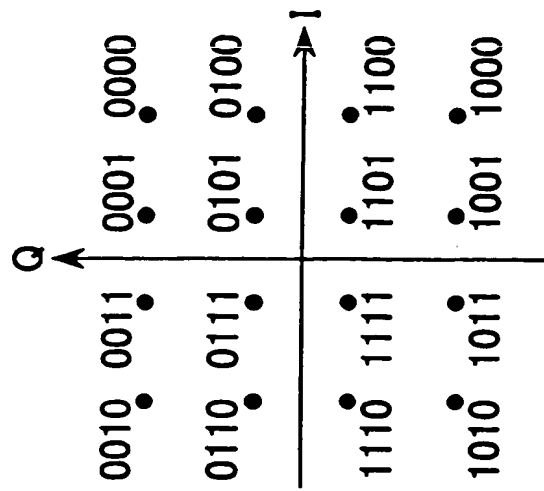


FIG. 6

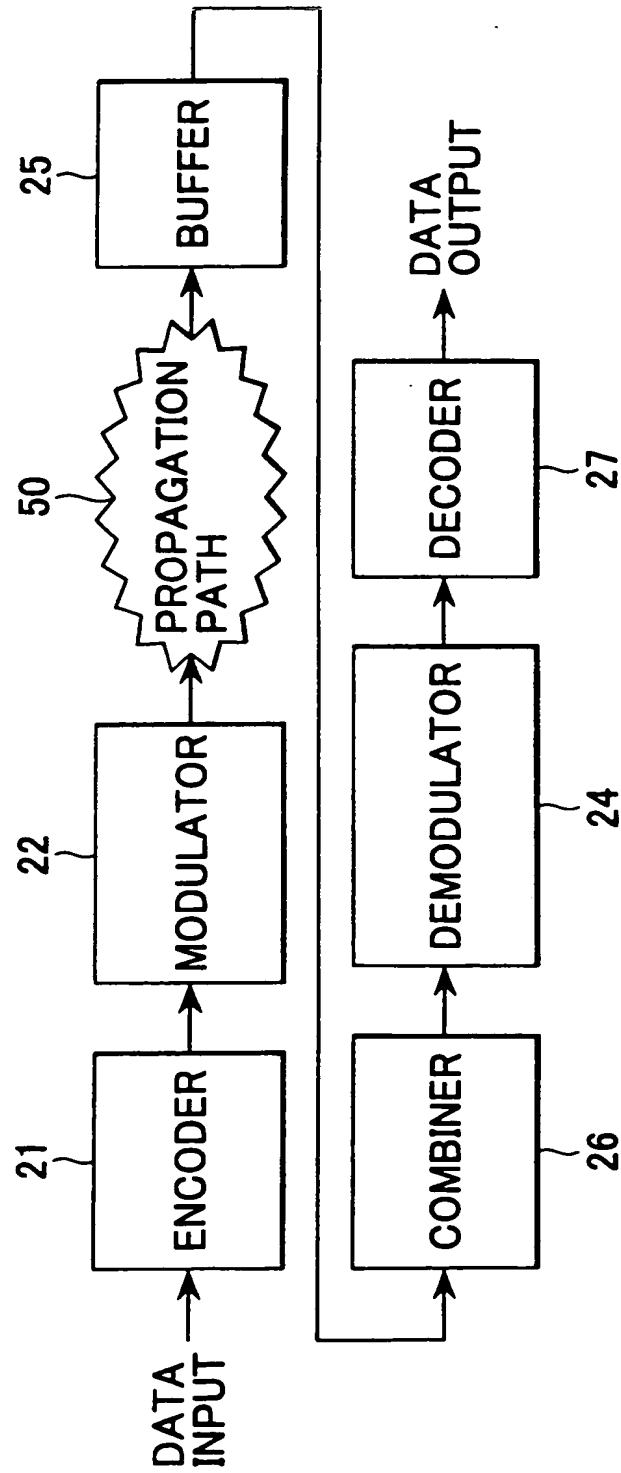


FIG.8

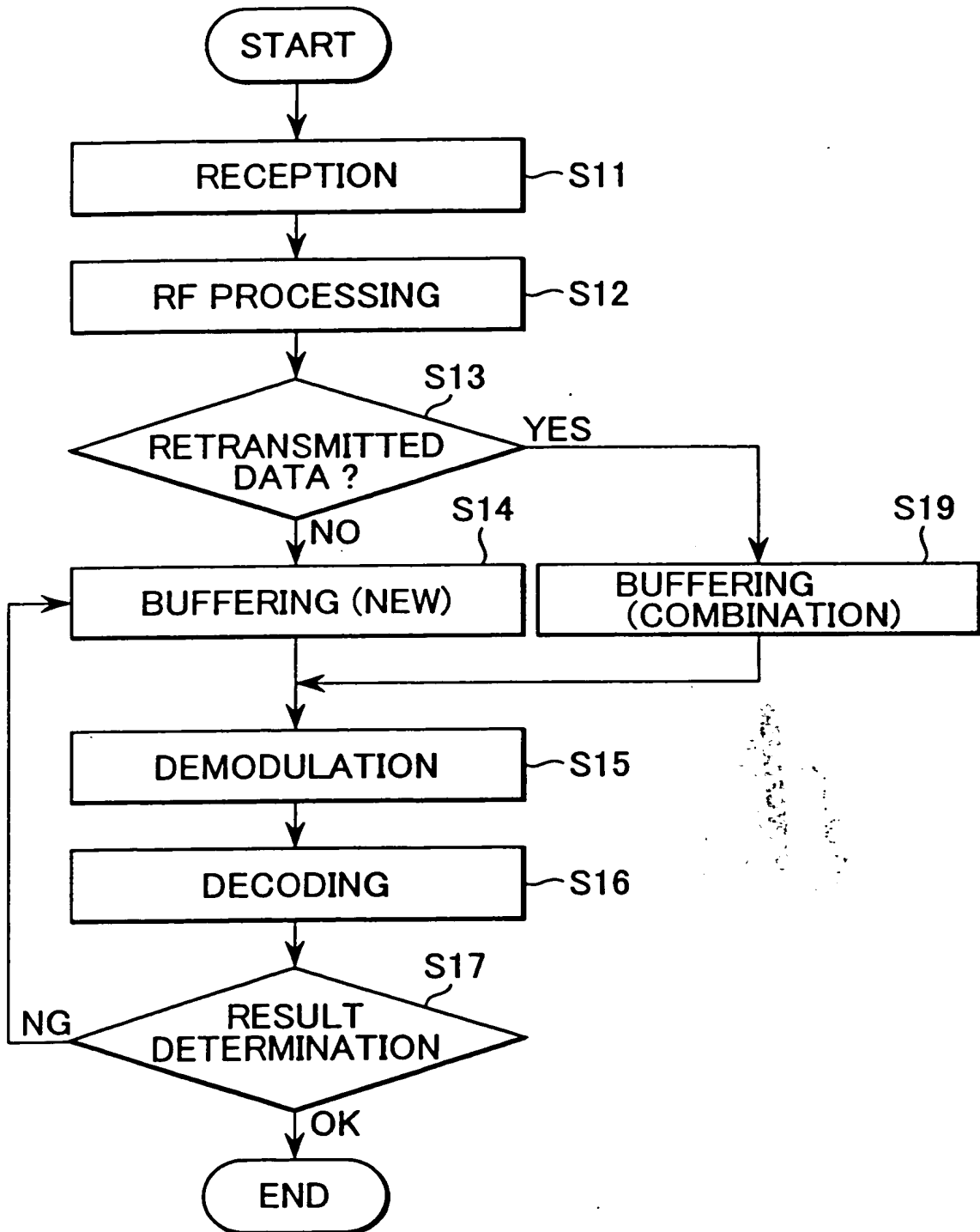


FIG. 9

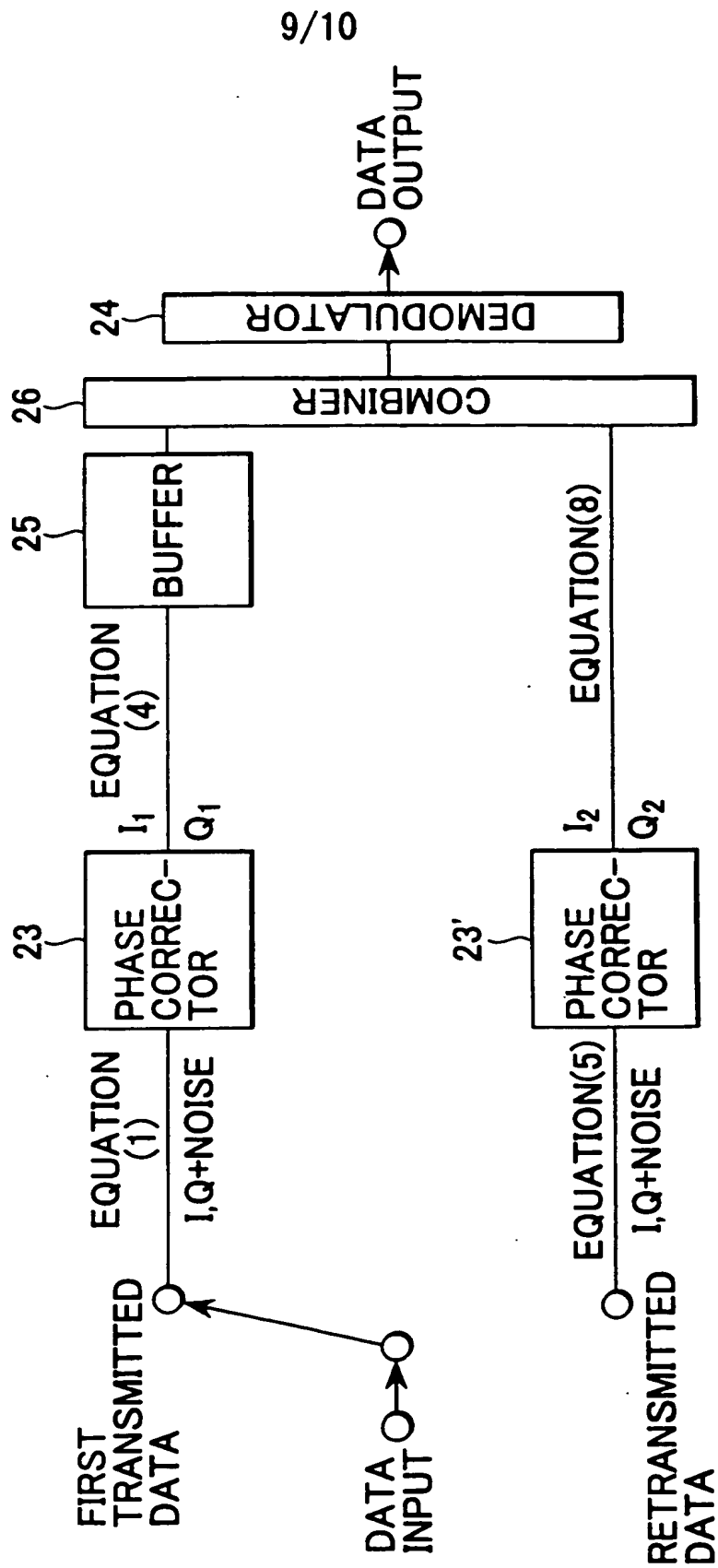
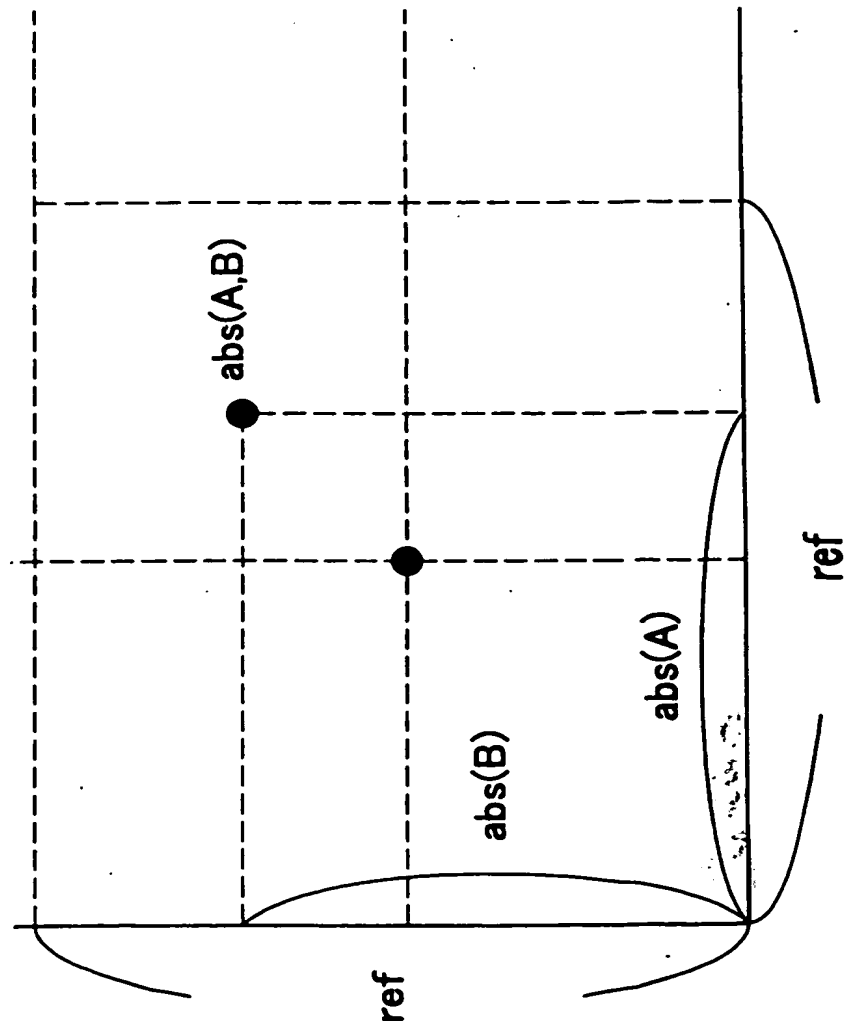


FIG. 9

FIG.10



$$b0 = B$$

$$b1 = \text{abs}(B) - \text{ref}$$

$$b2 = A$$

$$b3 = \text{abs}(A) - \text{ref}$$